



Serial/Patent No. 10/664,091  
Attorney: BUCHEL  
Customer No. 000041498

Attorney Docket No. 292609-605012  
Inventor(s): KENNEY

Title: System and Method for Reducing Soft Error Rate Utilizing Customized  
Epitaxial Layers

609-60  
KEN

Documents transmitted:

1. Interview Summary (2 Pgs);
2. Transmittal (1 Page); and
3. Return Receipt Postcard.

Check(s) \$

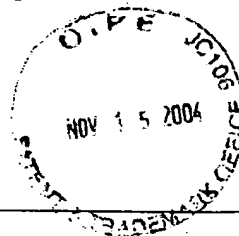
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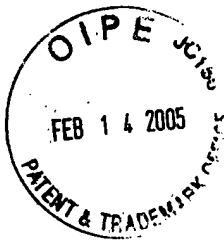


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\_\_\_\_\_



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P.O. BOX 702526  
DALLAS, TEXAS 75370-2526



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Customer No. 000041498

Attorney Docket No. 292609-605012  
Inventor(s): KENNEY

Title: SYSTEM AND METHOD FOR REDUCING SOFT ERROR RATE UTILIZING  
CUSTOMIZED EPITAXIAL LAYERS

Documents transmitted:

1. Transmittal (1 page);
2. Response (7 pages);
3. Interview summary (2 pages); and
4. Return Receipt Postcard.

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Date Due: February 2, 2004



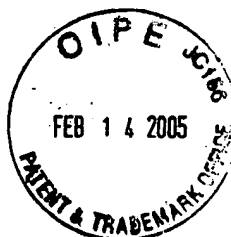
RUDOLPH J. BUCHEL, JR., PC  
P.O. Box 702526  
Dallas, Texas 75370-2526

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

**Complete if Known**

<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		Application Number	10/664,091
		Filing Date	September 17, 2003
		First Named Inventor	Kenney
		Art Unit	2812
		Examiner Name	Lindsay
Total Number of Pages In This Submission	3	Attorney Docket Number	292609-605012

**ENCLOSURES (check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 <input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> After Allowance Communication to Group	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Inquiry <input checked="" type="checkbox"/> Return Receipt Postcard <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Interview Summary
Remarks		

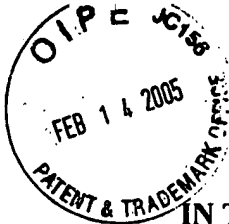
**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	Rudolph J. Buchel Jr. (Reg. No. 43,448) Rudolph J. Buchel, Jr., P.C. P.O. Box 702526 Dallas, Texas 75370-2526
Signature	
Date	November 10, 2004

**CERTIFICATION OF TRANSMISSION**

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Typed or printed name	Rudolph J. Buchel Jr.		
Signature		Date	November 10, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/664,091 Confirmation No. : 3730  
Applicant : Kenney  
Filed : September 17, 2003  
TC/AU : 2812  
Examiner : Lindsay  
Docket Number : 292609-605012  
Customer No. : 41498  
Re : System and Method for Reducing Soft Error Rate Utilizing  
Customized Epitaxial Layers  
Date of Interview : November 9, 2004  
Claim(s) Discussed : 11 - 17

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**INTERVIEW SUMMARY**

Sirs:

Applicants' representative initiated a telephonic interview and was granted same on the date specified above. Examiner Walter L. Lindsey, Jr. represented the U.S. Patent and Trademark Office (USPTO) and Rudolph J. Buchel, Jr. represented the Applicants for the application identified above. The primary issue, and the subject of the interview was the availability of U.S. Patent No. 6,774,434 (the '434 patent) to Hueting et al. (filed November 12, 2002) as prior art as applied to claims 11 - 17 in the above-identified U. S. patent application.

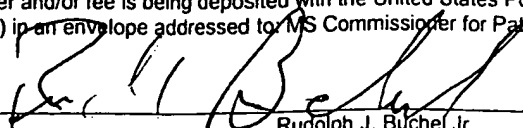
After reconsidering the matter, Examiner Lindsey concurred in the opinion of Applicants' representative that the '434 is not properly available as prior art to the present application. The Examiner further stated that the rejection under 35 U.S.C. 102(e) will be withdrawn. The

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(A)**

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on November 10, 2004

by

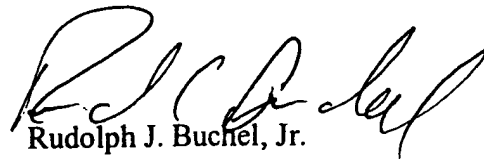
  
Rudolph J. Buchel Jr.

Examiner and Applicant's representative further agreed that Applicants will respond to the outstanding Office Action rather than having a supplemental Office Action issued by the USPTO. The Examiner requested that a copy of this interview summary be included in the response, which was also agreed.

Applicants' representative appreciates the Examiner's immediate granting the telephonic interview and his extraordinary attention to detail in the examination of this case.

DATE: November 10, 2004

Respectfully submitted,



Rudolph J. Buchel, Jr.

Reg. No. 43,448

***Rudolph J. Buchel, Jr., PC***

P.O. Box 702526

Dallas, Texas 75370-2526

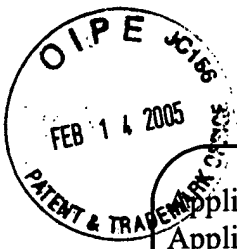
(972) 930-9449 TELEPHONE

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[r.buchel@buchel-ip.com](mailto:r.buchel@buchel-ip.com)

Attorney for Applicant



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/664,091 Confirmation No. : 3730  
Applicant : Kenney  
Filed : September 17, 2003  
TC/AU : 2812  
Examiner : Lindsay  
Docket Number : 292609-605012  
Customer No. : 41498  
Re : System and Method for Reducing Soft Error Rate Utilizing Customized Epitaxial Layers  
Date of Interview : February 7, 2005  
Claim(s) Discussed : N/A

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**INTERVIEW SUMMARY**

Sirs:

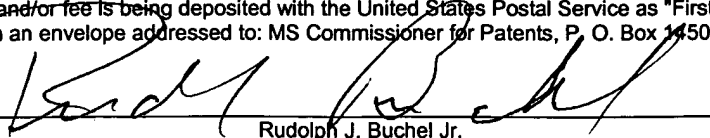
Applicants' representative initiated a telephonic interview and was granted same on the date specified above. Examiner Walter L. Lindsey, Jr. represented the U.S. Patent and Trademark Office (USPTO) and Rudolph J. Buchel, Jr. represented the Applicants for the application identified above. Applicants' representative inquired as to the status of a response mailed on December 22, 2004 for an Office Action, of which the return receipt post card had not been received. Applicant's representative noted the listing of a "Miscellaneous Incoming Letter," in PAIR, but the Examiner stated that the response had not been entered and requested a separate copy be transmitted to the USPTO via US Postal Service first class mail.

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on February 07, 2005

by

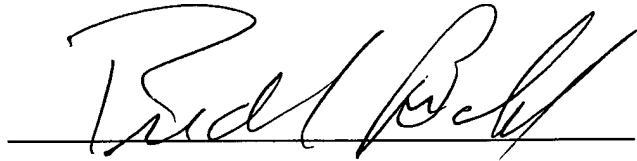
  
Rudolph J. Buchel Jr.

### Conclusion

The Examiner is invited to call the undersigned at the below-listed telephone number if in the opinion of the Examiner such a telephone conference would expedite or aid the prosecution and examination of this application.

Respectfully submitted,

DATE: February 07, 2005

A handwritten signature in black ink, appearing to read 'Rudolph J. Buchel, Jr.', is written over a horizontal line.

Rudolph J. Buchel, Jr.  
Reg. No. 43,448  
***Rudolph J. Buchel, Jr., PC***  
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(866) 930-9449 TOLL FREE  
(972) 930-9446 FACSIMILE  
r.buchel@buchel-ip.com EMAIL

Attorney for Applicant

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**Complete if Known**

Application Number	10/664,091
Filing Date	September 17, 2003
First Named Inventor	Kenney
Art Unit	2812
Examiner Name	Lindsay
Attorney Docket Number	292609-605012

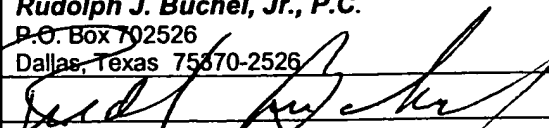
Total Number of Pages In This Submission

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**ENCLOSURES (check all that apply)**

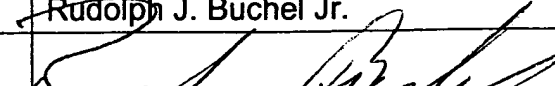
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 <input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> After Allowance Communication to Group	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group ( <i>Appeal Notice, Brief, Reply Brief</i> ) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Inquiry <input checked="" type="checkbox"/> Return Receipt Postcard <input checked="" type="checkbox"/> Other Enclosure(s) ( <i>please identify below</i> ): Copy of interview summary filed on November 11, 2004
Remarks		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	Rudolph J. Buchel Jr. (Reg. No. 43,448) <b>Rudolph J. Buchel, Jr., P.C.</b> P.O. Box 702526 Dallas, Texas 75370-2526
Signature	
Date	December 22, 2004

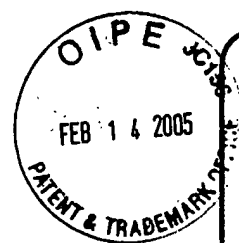
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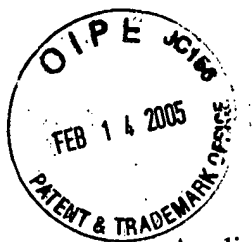
Typed or printed name	Rudolph J. Buchel Jr.		
Signature		Date	December 22, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.







IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/664,091  
Applicant : Kenney  
Filed : September 17, 2003  
TC/AU : 2812  
Examiner : Lindsay  
Docket Number : 292609-605012  
Customer No. : 41498  
Re : System and Method for Reducing Soft Error Rate Utilizing  
Customized Epitaxial Layers

MS Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

LETTER REGARDING RESPONSE TO NON-FINAL OFFICE ACTION

Sir:

No fees are believed to be necessary at this time. However, in the event that any fees are required for the prosecution of this application, please charge the fees to account number **50-3328** in the account name of **Rudolph J. Buchel, Jr., PC**. No extension of time is believed necessary. If, however, an extension of time is needed, the extension is requested. Please charge the fees for an extension of time to account number **50-3328** in the account name of **Rudolph J. Buchel, Jr., PC**.

In response to an interview of **February 07, 2005**, please enter the response enclosed herein which was originally transmitted to the USPTO on December 22, 2004.

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P. O. Box 1450 Alexandria, VA 22313-1450.

on **February 07, 2005**

by

  
Rudolph J. Buchel, Jr.

Applicants' representative appreciates the Examiner's immediate granting the telephonic interview and his extraordinary attention to detail in the examination of this case.

DATE: February 07, 2005

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Rudolph J. Buchel, Jr.', written over a horizontal line.

Rudolph J. Buchel, Jr.

Reg. No. 43,448

***Rudolph J. Buchel, Jr., PC***

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[r.buchel@buchel-ip.com](mailto:r.buchel@buchel-ip.com)

Attorney for Applicant



*DFW*

PTO/SB/21 (02-04)

Approved For Use Through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		<b>Complete if Known</b>	
		Application Number	10/664,091
		Filing Date	September 17, 2003
		First Named Inventor	Kenney
		Art Unit	2812
		Examiner Name	Lindsay
Total Number of Pages In This Submission	18	Attorney Docket Number	292609-605012

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 <input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> After Allowance Communication to Group	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Inquiry <input checked="" type="checkbox"/> Return Receipt Postcard <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Letter, copies of interview summary filed on November 11, 2004, response to Office Action filed on December 22, 2004, certificate of mailing, postcard and transmittal.
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Rudolph J. Buchel Jr. (Reg. No. 43,448) <b>Rudolph J. Buchel, Jr., P.C.</b> P.O. Box 702526 Dallas, Texas 75370-2526
Signature	
Date	February 07, 2005

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Typed or printed name	Rudolph J. Buchel Jr.		
Signature		Date	February 07, 2005

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